1	2	3
State Government (tentative to be finalized in consultation with the State)		
01	Land Records	Ministry of Rural Development
02	Road Transport	Ministry of Road Transport and Highway
03	Property Registration	Department of Land Resources
04	Agriculture	Department of Agriculture and Cooperation
05	Treasuries	Ministry of Finance
06	Municipalities	Ministry of Urban Development and Poverty Alleviation
07	Gram Panchayats	Ministry of Rural Development
08	Commercial Taxes	Ministry of Finance
09	Police (UTs initially)	Ministry of Home Affairs
10	Employment Exchanges	* Ministry of Labour
Integrated Services		-
01	EDI (E-Commerce)	Ministry of Commerce and Industry
02	E-Biz	Department of Industrial Policy and Promotion/ Department of Information Technology
03	Common Service Centres	Department of Information Technology
04	Indian Portal	Department of Information Technology and Department of Administrative Reforms and Public Grievances
05	EG Gateway	Department of Information Technology
06	E-Courts*	Ministry of Justice/Ministry of Home Affairs
07	E-Procurement*	Ministry of Commerce and SUPPLY

*Addition proposed

Formulation of Broad Band Policy

96. SHRIMATI N.P. DURGA: Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

(a) whether it is a fact that Government have formulated a Broad Band Policy, 2004;

(b) if so, the salient features of the new policy; and

(c) what steps Gvoernment have taken or proposed to take for promoting indigenous industries to manufacture Broad Band-related equipment?

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (DR. SHAKEEL AHMAD): (a) Yes, Sir.

(b) The salient features of the policy are given in the Statement (See below).

(c) Government assigns a very high priority to indigenous manufacture of Broadband related equipments. Government shall endeavour to work closely with the concerned Ministries and Manufacturers' Associations so that the equipments are available at an affordable price.

Statement

Salient features of Broadband policy 2004

1. Definition and Targets:

Broadband has been defined as an always-on data connection supporting interactive services including Internet access with minimum download speed of 256 Kbps per subscriber. The new broadband policy aims to target three million broadband subscribers and six million Internet subscribers with a.time-frame of December, 2005. By the end of year 2010, the policy aims to target 20 million broadband subscribers and 40 million Internet subscribers.

2.0 Technology Options for Broadband Services

The Broadband Policy Framework visualises creation of infrastructure through various access technologies which can contribute to growth and can mutually co-exist. Spread of infrastructure is a must for healthy competition and therefore it would be the endeavour of the Government that the telecommunication infrastructure growth in the country is not compromised in any manner.

2.1 **Various access technologies, inter alia, are:**

(a) Optical Fibre Technologies

With the increase in commercial availability of fire technologies, the cost of fibre rollout is approaching the cost of other wired networks. Spread of optical fibre networks shall be emphasised keeping in view the long-term perspective.

(b) Digital Subscriber Lines (DSL) on copper loop:

Bharat Sanchar Nigam Limited (BSNL) and Mahanagar Telephone

Nigam Limited (MTNL) as well as other access providers are expected to aggressively use their copper loop infrastructure for providing Broadband services through this technology.

Ffeoqg-iangtJ-Etlast mile copper loop is not a 'bottleneck facility" for broadband services, access providers shall be free to enter into mutually agreed commercial arrangements for utilization of available copper loop for expansion of broadband services.
The owner of local loop shall be free to decide the areas in which investment is to be made to upgrade the infrastructure for Broadband services. The information regarding the areas in which Broadband services are being offered by a service provider shall be available in the public domain.

Further, use of brand-name being treated as a part of the value shall be permitted in such commercial arrangements.

Management of BSNL and MTNL has decided to provide 1.5 million connections by the end of 2005. The corporate/work plan of these Public Sector Undertakings (PSUs) have been drawn up for this purpose. Thereafter, annual plan for expansion of Broadband services by BSNL and MTNL will be determined in consultation with them. A quarterly review of their performance by the Government in the Department of Telecommunications (DoT) shall be undertaken to evaluate the achievement and redefine the future roadmap, if necessary.

It is hoped that other access service providers would also provide broadband connections using their copper in a targeted manner. A constructive review of their performance shall also be undertaken.

(c) Cable TV Network

Cable TV network can be used as franchisee network of the service provider for provisioning Broadband services. However, all responsibilities for ensuring compliance of terms & conditions of the licence shall vest with the Licensee. The terms of franchise agreement between Licensee and his franchisee shall be settled mutually by negotiation between the two parties involved.

(d) Satellite Media

Very Small Aperture Terminals (VSAT) and Direct-to-Home (DTH) services would be encouraged for penetration of Broadband and Internet services with the added advantage to serve remote and inaccessible areas.

Department of Telecommunications, in consultation with the concerned Ministries, will soon propose measures in the direction of Open Sky Policy for VSAT operators. The role of Department of Space is critical in such an endeavour.

To keep pace with technological advances, throughput and antenna size for VSATs shall be periodically reviewed.

Commercial VSAT service providers having internet service provider (ISP) licence shall be permitted use of same hub station and remote station to provide Internet service directly to the subscribers. Further, this remote station shall be permitted to be used as a distribution point to provide Internet services to multiple independent subscribers. Necessary amendments in the licence agreement shall be carried out immediately.

DTH serivce providers shall be permitted to provide Receive Only Internet service after obtaining ISP licence from Department of Telecommunications. Furhter, ISP licensees shall be permitted to allow customers for downloading data through DTH after obtaining necessary permission from the competent authority. DTH serive providers will also be permitted to provide bi-directional Internet services after obtaining VSAT and ISP licence from DoT.

(e) Terrestrial Wireless

Recognising that terrestrial wireless is another upcoming technology platform for Broadband, it has been decided, in principle to delicence 2.40-2.48 GHz band for low-power outdoor use on non-protection, non-interference and non-exclusive basis. Necessary notification shall be issued.

To accelerate penetration of Broadband and Internet, the 5.15-5.35 GHz band shall be de-licensed for the indodr use of low power Wi Fui systems. For outdoor use, the band 5.25-5.35 GHz shall be de-licensed in consultation with DoS and de-licensing in the band 5.15-5.25 GHz would be considered after the process of vacation. Alternative spectrum bands which are not in high usage and could be deployed for Broadband services, shall also be explored and identified.

2.2 Quality of Service (QoS)

TRAI would be requested to prescribe QoS parameters for provisioning of broadband service using various access technologies at an early date.

2.3 Simplication of Standing Advisory Committee on Radio Frequency Allocation (SACFA)/Wireless Planning and Coordination (WPC) clearance

The VSAT operators shall be allowed to start the installation process for VSAT terminals after a period of one month of submitting all relevant documents to WPC for SACFA/WPC clearance wherever the total height of such installation is less than 5 meters above the rooftop of an authorised building.

In the case of Receive Only VSAT terminals and DTH with Receive Only Internet, no SACFA/WPC clearance will be required wherver the total height of such installation is less than 5 meters above the rooftop of an authorised building.

Government have decided that the reference to Wireless in Local Loop (WLL) in IND49 of National Frequency Allocation Plan (NFAP)-2002 shall be deleted to promote use of indigenously developed technologies. This would enable service providers, other than basic service operators, to use the 1880*1900 MHz band for provision of various services under their licence.

A transparent scheme is being outlined separately for time-bound frequency allocation, siting clearance and wireless licensing by removing the cumbersome procedures, computerisation and by setting pre-determind standards.

3.0 Other salient features

- National Internet Exchange of India (NIXI) has been set up by DIT, Government of India to ensure that Internet traffic, originating and destined for India, should be routed within India. It is expected that NIXI will take appropriate steps for increasing the utilization of such facilities.
- The Government has assigned a very high priority to indigenous manufacture of broadband-related equipments and shall endeavour to work closely with the concerned Ministries and manufacturers associations so that the equipments are made available at an affordable price.
- DoT is conscious of the fact that Brodband services can reach the urban and rural consumers only if services are offered at affordable and easy terms. Department of Telecommunications will work out a package in consultation with Ministry of Finance and related Departments as well as concerned service providers to achieve this.

Losses suffred by BSNL through Cell One connections

97. SHRI LALITSURI: Will the Minister of COMMUNCATIONS AND INFORMATION TECHNOLOGY be pleased to state:

(a) whether Bharat Sanchar Nigam Limited has suffered heavy losses through the working of the 'Cell One' connections in Pune area;

(b) if so, the extent of the losses estimated during 2003 and so far during 2004; indicating the *modus operandi* used by the subscribers of the 'Cell One' connections;

(c) whether complicity of employees of Bharat Sanchar Nigam Limited in the scam has been probed; and

(d) if so, the findings of the probe and action, if any, taken against the employees found involved in the scam?

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (DR. SHAKEEL AHMAD): (a) BSNL has billed Rs. 62.90 Crores to the